

ABSTRACT OF THE DISCLOSURE

A hydrogel for use as a prosthetic device for supplementing, augmenting or replacing cartilage in the intra-articular cavity of a joint and for treatment or prevention of arthritis. The hydrogel may be a polyacrylamide hydrogel obtained by combining acrylamide and methylene bis-acrylamide. A prosthetic device comprising the polyacrylamide hydrogel is also disclosed.